



North Dakota Traffic Safety Partner Summit

April 26-27, 2016

Bismarck, ND



Presentation of the Flags

North Dakota Highway Patrol
Honor Guard



Comments from:

Dr. Mary Wakefield,
Acting Deputy Secretary,
U.S. Department of Health and Human
Services

Overview of North Dakota's Strategic Highway Safety Plan (SHSP)

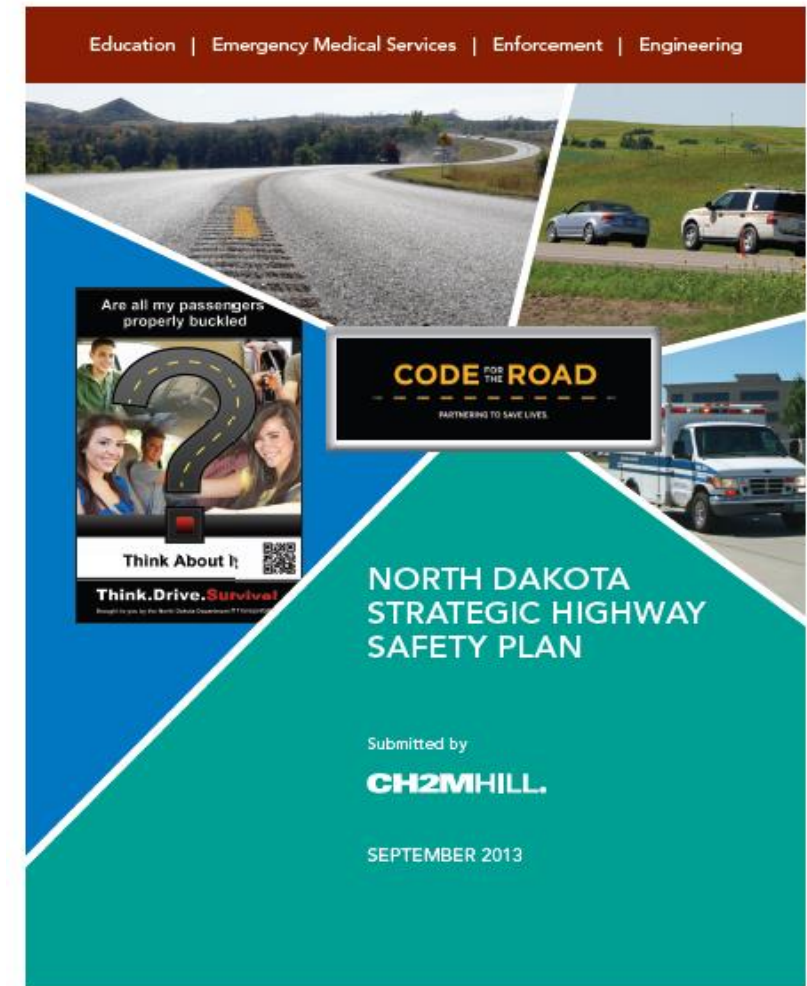
Karin Mongeon, Safety Division Director
North Dakota Department of Transportation

Strategic Highway Safety Plan Authority

- ▶ A Strategic Highway Safety Plan (SHSP) is a statewide, coordinated safety plan that provides a comprehensive framework and specific goals and objectives *to reduce fatalities and serious injuries on all public roads*.
- ▶ An SHSP is a federal requirement (23 U.S.C. § 148) and is a major part of the core Highway Safety Improvement Program (HSIP).
- ▶ State DOTs are responsible to meet SHSP requirements.

North Dakota SHSP Processes

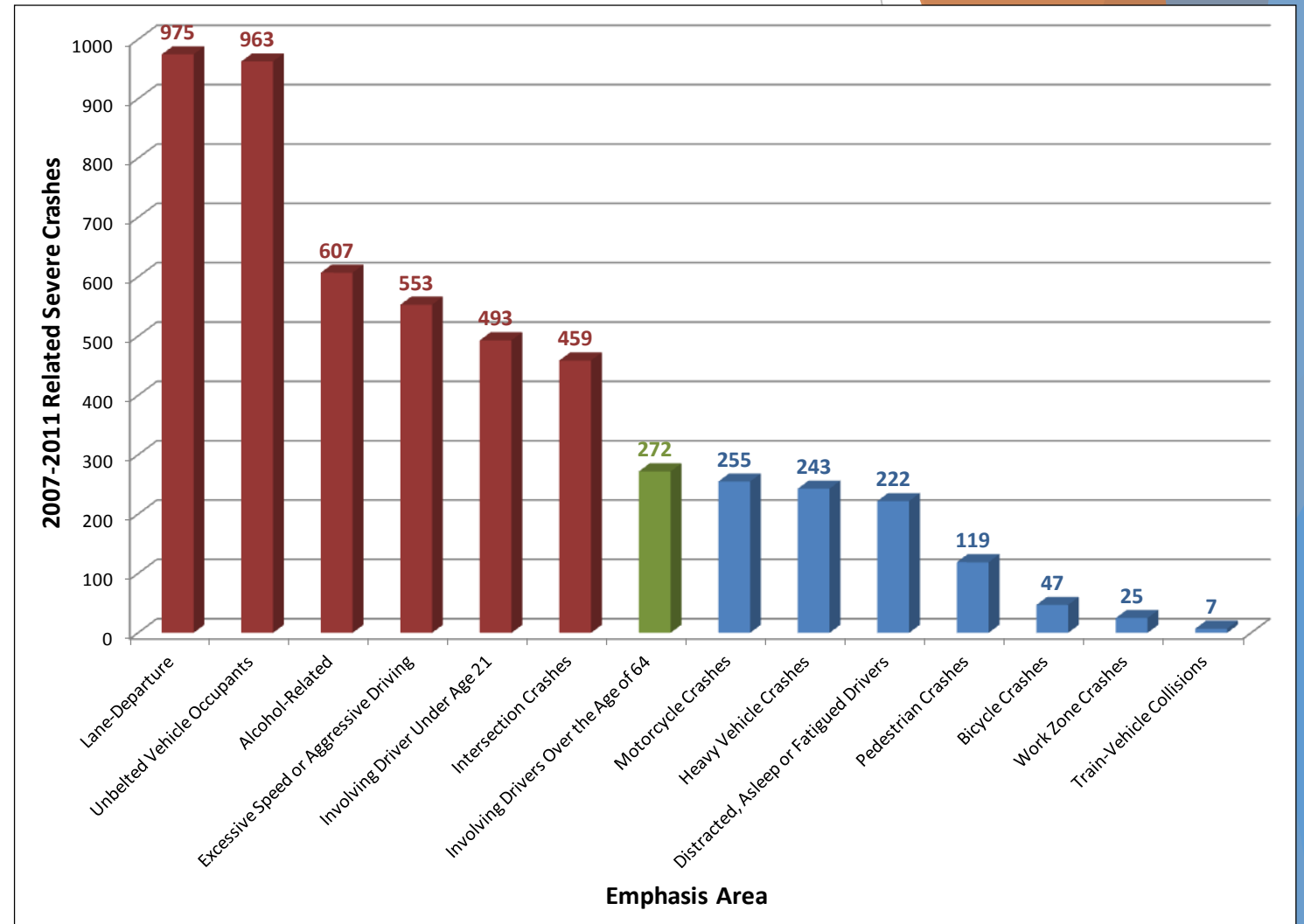
- ▶ Develop (2013)
 - ▶ Analyze crash data
 - ▶ Select emphasis areas
 - ▶ Develop evidence-based list of safety strategies
 - ▶ Solicit stakeholder input
 - ▶ Identify goals (long-term and interim)
- ▶ Implement (Ongoing)
- ▶ Evaluate (Ongoing)
- ▶ Revise (2017)
 - ▶ Every five years



North Dakota Severe Crashes, 2007-2011

Priority Emphasis Areas

1. Lane departure
2. Unbelted vehicle occupants
3. Alcohol-related
4. Excessive speed/aggressive driving
5. Involving driver under 21
6. Intersection crashes

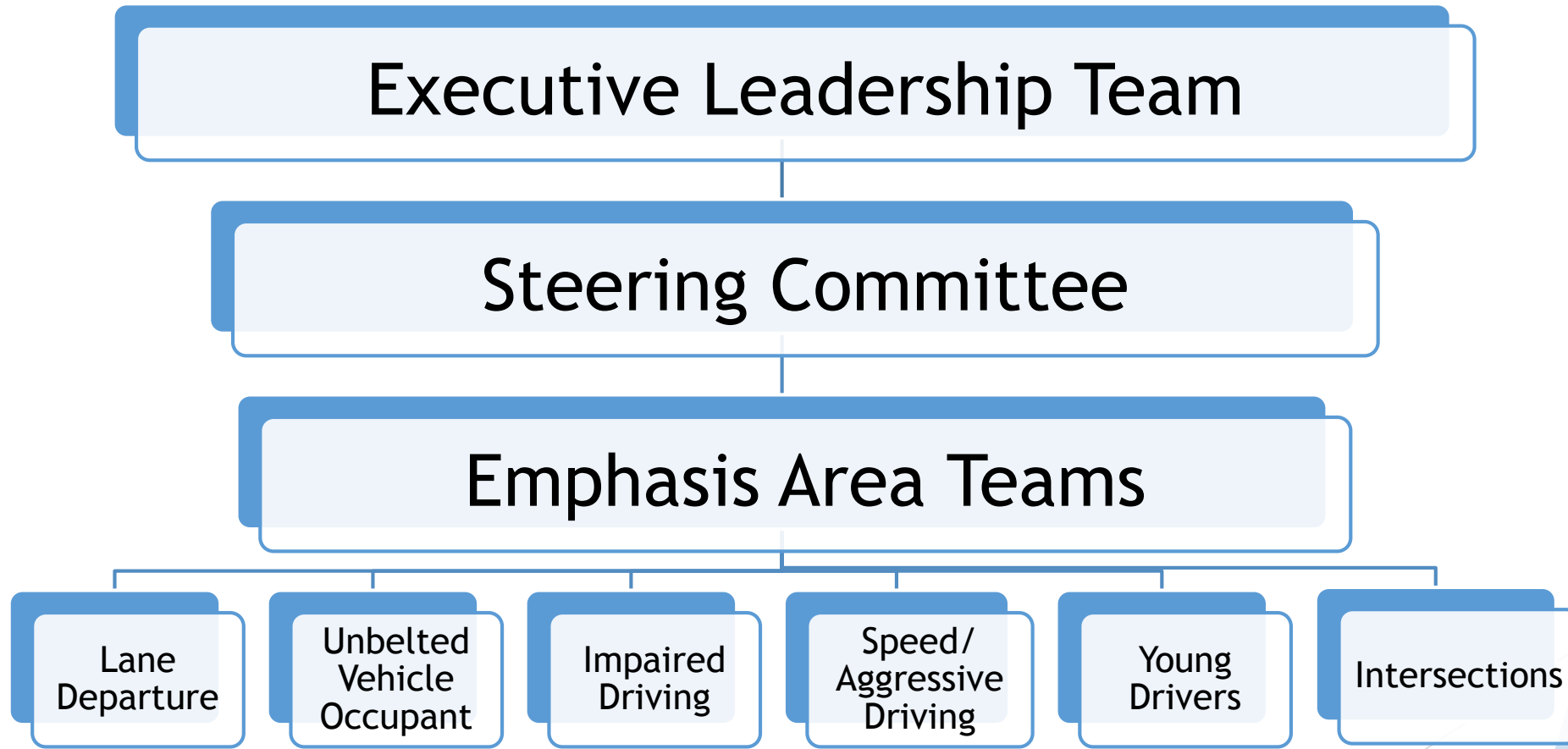


Local Road Safety Program

“The Strategic Highway Safety Plan (SHSP) development process was key in helping us identify the importance of local roads to achieve our long-term safety goals. This data-driven process helped us to transition to a systemic identification of crash types on all roads in addition to our traditional crash location (or hot spot) approach on the state system. As a result, the NDDOT has partnered with local stakeholders to prepare road safety plans that will identify potential safety projects consistent with the SHSP.”

Grant Levi, Director, North Dakota Department of Transportation

North Dakota SHSP Structure



Lane Departure Strategies

- ▶ Deploy center, shoulder and edge line rumble strips/stripes
- ▶ Use enhanced edge line markings
- ▶ Provide enhanced shoulders, lighting, delineation, or pavement markings for sharp horizontal curves
- ▶ Improve roadway shoulders

Intersection Strategies

- ▶ Signalized Intersections
 - ▶ Confirmation lights
 - ▶ Countdown timers, advanced walk phase, and other low-cost pedestrian/bicycle facility improvements
- ▶ Unsignalized Intersections
 - ▶ Appropriate street lighting
 - ▶ Channelize or close median openings to restrict or eliminate turning maneuvers
 - ▶ Roundabouts at appropriate locations
 - ▶ Improve visibility of intersections by providing enhanced signing, delineation, or pavement markings/messages

Unbelted Vehicle Occupant Strategies

- ▶ Enact primary seat belt law - all passengers, all seating positions
- ▶ Strengthen penalties for lack of seat belt use
- ▶ High visibility enforcement - with emphasis in rural areas

Alcohol-Related Strategies

- ▶ Conduct a comprehensive assessment of impaired driving laws
- ▶ High visibility enforcement (HVE) - including expanded use of sobriety checkpoints
- ▶ Server training and compliance checks to reduce underage access to alcohol
- ▶ Apply holistic or ecological approaches to create a cultural awareness of risk and to educate the public during HVE campaigns
- ▶ Public outreach on safe-ride alternatives during HVE campaigns

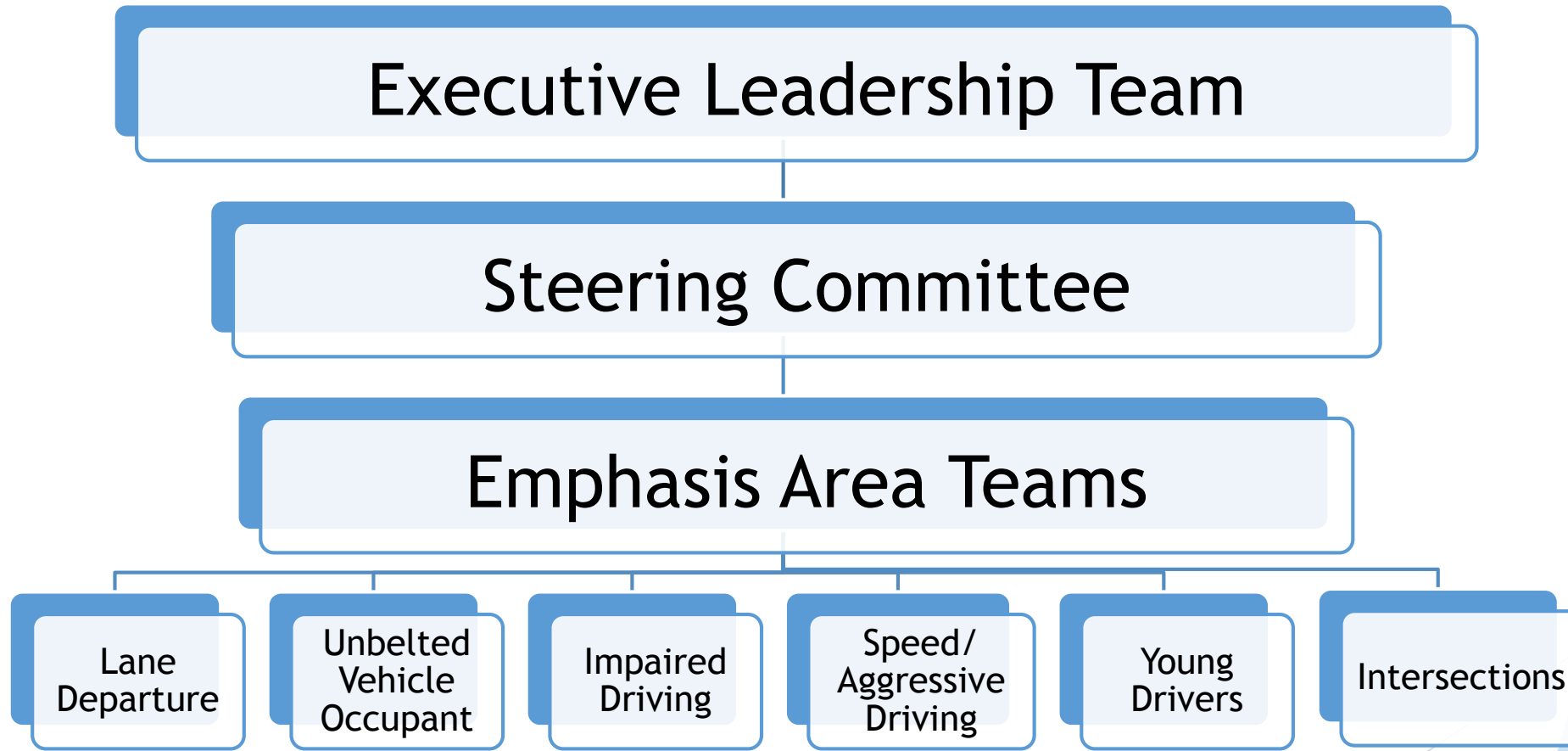
Speeding/Aggressive Driving Strategies

- ▶ Enact/support legislation to strengthen penalties such as increased fines for right-of-way and speeding violations
- ▶ Conduct a statewide assessment of commercial vehicle speeds. Make program improvements based on results.
- ▶ High visibility enforcement
- ▶ Use technology to address the number of speed and red light running crashes

Young Driver Strategies

- ▶ Strengthen Graduated Driver Licensing (GDL) system requirements
- ▶ Enact/support legislation requiring teen drivers subject to GDL to be identified via a vehicle decal
- ▶ Publicize and enforce GDL on rural/local roads and include peer-led outreach
- ▶ Publicize and enforce underage drinking laws

North Dakota SHSP Structure



North Dakota SHSP Executive Leadership Team

- ▶ Grant Levi, Director, North Dakota Department of Transportation
- ▶ Mark Nelson, Governor's Representative, North Dakota Department of Transportation
- ▶ Colonel Michael Gerhart, North Dakota Highway Patrol
- ▶ Dr. Terry Dwelle, State Health Officer, North Dakota Department of Health
- ▶ Mark Johnson, Executive Director, North Dakota Association of Counties
- ▶ Blake Crosby, Executive Director, North Dakota League of Cities
- ▶ Chief Justice Gerald VandeWalle, North Dakota Supreme Court
- ▶ Scott Davis, Executive Director, North Dakota Indian Affairs Commission
- ▶ Phil Pfennig, Chief Agent, Bureau of Criminal Investigation, North Dakota Office of Attorney General